

VT's Strategic Highway Safety Plan

Improving the Design & Operation of Highway Intersections

The Problem

- 25-30% of all major crashes occur at intersections
- Inattention, failure to yield and disregarding traffic signs/signals are the greatest causes of crashes at intersections

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The Data

- 66% of intersection crashes occurred at T-intersections
- 28% of crashes occurred at intersections with stop signs on cross street only
- Highest percentage of crashes occurred within speed limits between 25-40 mph.

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Strategies

- Improve operation at intersections
- Improve visibility with signing and delineation
- Improve maintenance of signs and markings
- Implement physical changes on the approaches to and at intersections
- Improve driver compliance with traffic control devices and traffic laws at intersections
- Reduce speed at intersections
- Public awareness of high crash locations
- Local program for identifying & prioritizing high crash locations